



SOUBIO - FG (Nonionic/Weak cationic softener)

Chemical Composition

Fatty acid amine condensation

Technical Specification

- ☆ Appearance: pale yellow flakes
- ☆ PH value: 5~7 (5~10% solution)
- ☆ Ionicity: Nonionic/weak cationic

Dissolving Method

- ☆ Temperature raising: Add the flakes in water(room temperature) gradually in the proportion of 5-10%, stir and heat up to 65~70°C and stir for 30-60 mins until the flakes become even paste, then cool it down;
- ☆ High temperature: Add the flakes in water (65~70°C) gradually in the proportion of 5-10%, stir for 30-60 mins again until flakes become an even paste, then cool it down;

Properties

- ☆ Impart excellent hydrophilic and antistatic property in polyester;
- ☆ Good salt resistance, alkali resistance, anionic and hard water resistance;
- ☆ Low yellowing and antistatic property in polyester;
- ☆ Do not affect the hydrophilic when used with hydrophilic silicone and copolymerized silicone

Field of Application

Suitable for chemical fiber, cotton, hemp, and blended fabric softener, can also be used for dyeing and printing and coating,

Can also be used for sanding, raising the softening, low viscosity is suitable for printing and dyeing factory

Application

- ☆ Padding: Dosage: 20~30g/L(10% solution) Temperature: 30~40°C
Process: One dip and one pad or two dips and two pads
- ☆ Dipping: Dosage: 3~8% (o.w.f) (10% solution) Temperature: 40~50°C
Ratio: 1:10~15 Time: 30min

Storage and Packing

Shelf life: 12 months when store in cool, dry and shaded warehouse

Packing: 25kg plastic woven bag

○ Compatibility of other auxiliaries and process need to be checked before application



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